

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A292.9
So 3W2
Cp. 2

Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES
-- DIVISION of WATER RIGHTS

AS OF
APR. 1, 1979

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: VIEW OF A SNOTEL DATA SITE IN THE SNOWY RANGE IN WYOMING. TALL CYLINDRICAL DEVICE IS A PRECIPITATION GAGE. SNOW PILLOWS ON THE GROUND NOT VISIBLE DUE TO SNOW COVER. SHELTER HOUSE, ANTENNA TOWER, ANTENNA, AND TEMPERATURE UNIT ARE VISIBLE BEHIND THE PRECIPITATION GAGE.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

R. M. DAVIS

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.



Released by

GEORGE D. McMILLAN

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

DEE C. HANSEN

State Engineer

Division of Water Rights

DANIEL F. LAWRENCE

Director

Division of Water Resources



Report prepared by

BOB L. WHALEY, Snow Survey Supervisor

KENNETH C. JONES, Assistant Snow Survey Supervisor

and

LINDA K. LYTTON, Statistical Assistant

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

PROSPECTIVE WATER SUPPLIES

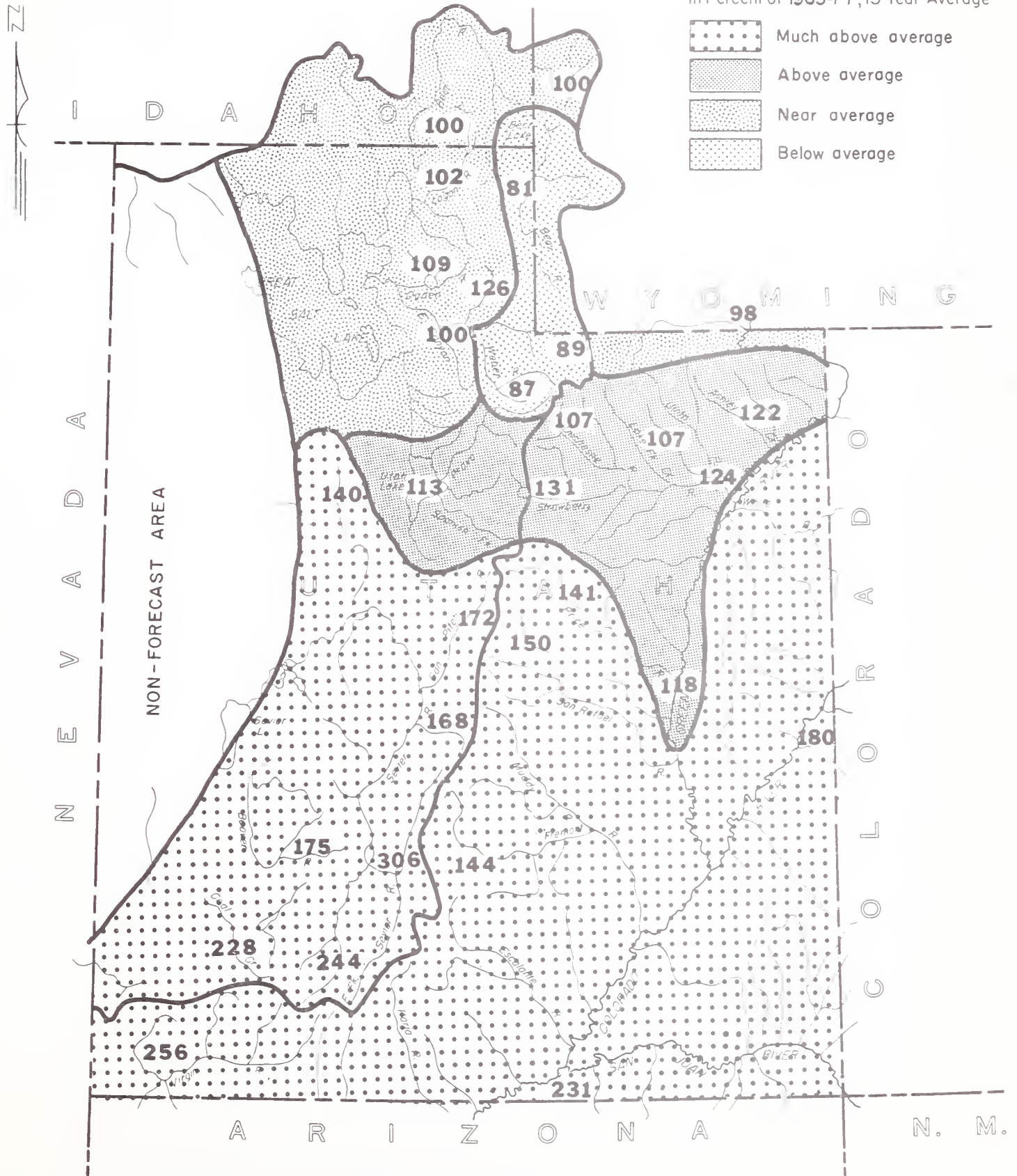
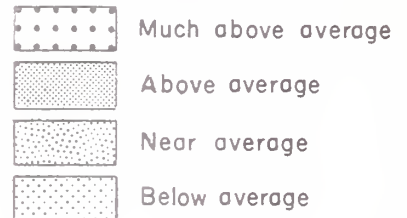
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

APRIL 1, 1979

Approximate Date

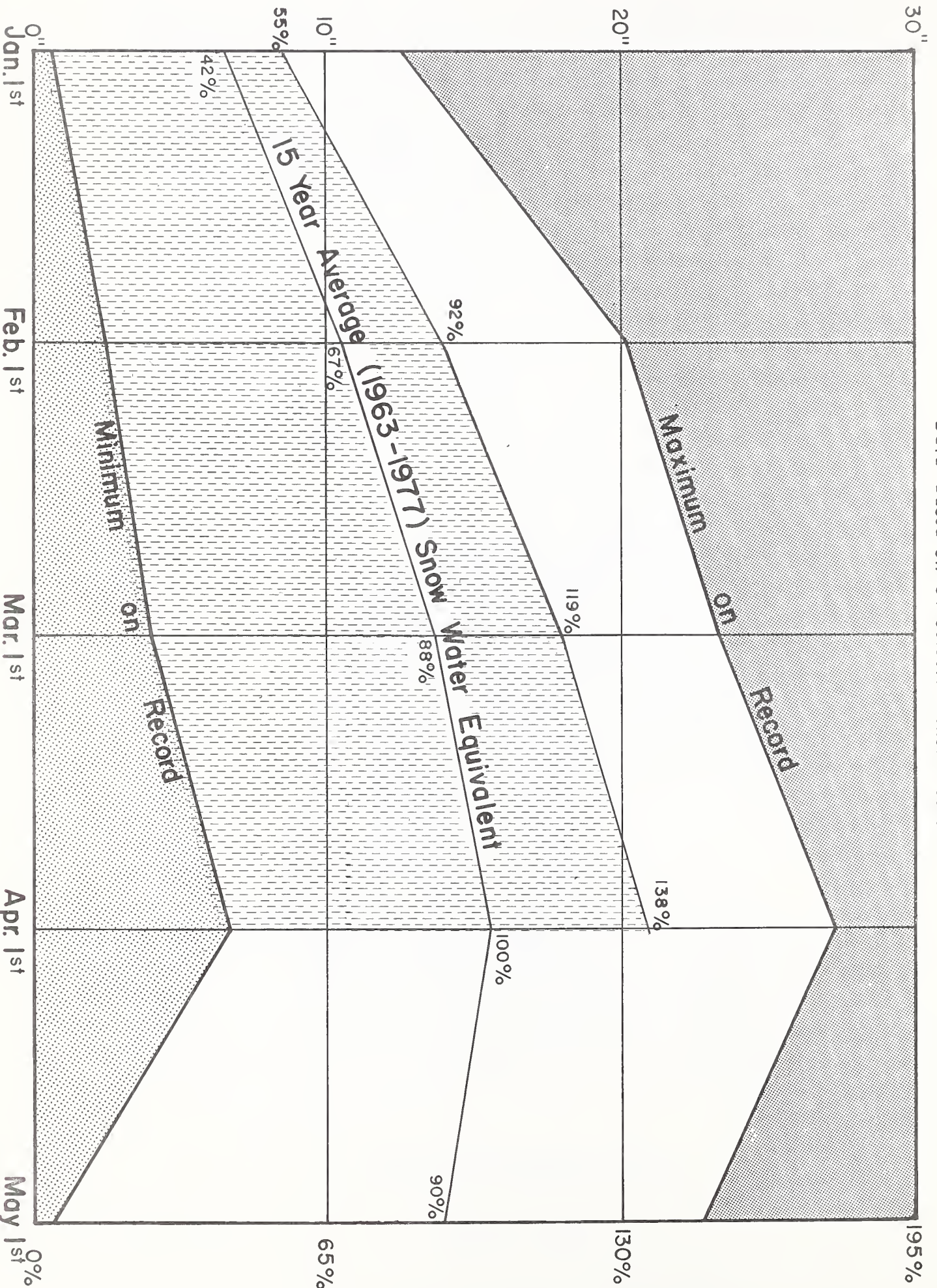


FORECAST STREAM FLOW
in Percent of 1963-77, 15 Year Average



UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



PERCENT OF APRIL 1st SNOW WATER EQUIVALENT

1979 Snowpack



WATER SUPPLY OUTLOOK

as of
APRIL 1, 1979

* * * * *
* Utah's 1979 water supplies will be near normal in *
* northern Utah and better than twice average in the *
* southern part of the state. Reservoir storage at *
* this time is 101% of average. Streamflow forecasts *
* for the April-July runoff period range from 310% for *
* Sevier River near Kingston to 77% at Chalk Creek near *
* Coalville. *
* * * * *

SNOW COVER

Measurements taken early in April show conditions in northern Utah to be only average while southern Utah snow courses are nearly twice normal. Midway Valley on the Upper Sevier River drainage reported 43.2 inches of water, where the previous maximum was 42.0 inches in 1969. Numerous other southern locations are at new maximum levels. The Enterprise-New Harmony area has a 388% snowpack.

Northern Utah is not as fortunate, with the Upper Bear River at only 96% of average. Along the Wasatch Front there is a 110% snowpack this year.

PRECIPITATION

March precipitation amounts were variable over the state, but again southern Utah generally received amounts $1\frac{1}{2}$ to 3 times normal. Northern Utah catches were all below average. Seasonal totals follow this same north-south trend.

SOIL MOISTURE

Watershed soils are near or at capacity in the south, with northern soils below average.

RESERVOIR STORAGE

Utah's 26 major reservoirs are at 101% of average at this time. Most facilities are above average except on the Sevier River and those in Uintah Basin.

STREAMFLOW FORECASTS

Forecasts image the snowpack and precipitation figures with the northern streams near average, and southern Utah streams well above average.

WATER SUPPLY OUTLOOK (continued)

Representative forecasts in Utah are:

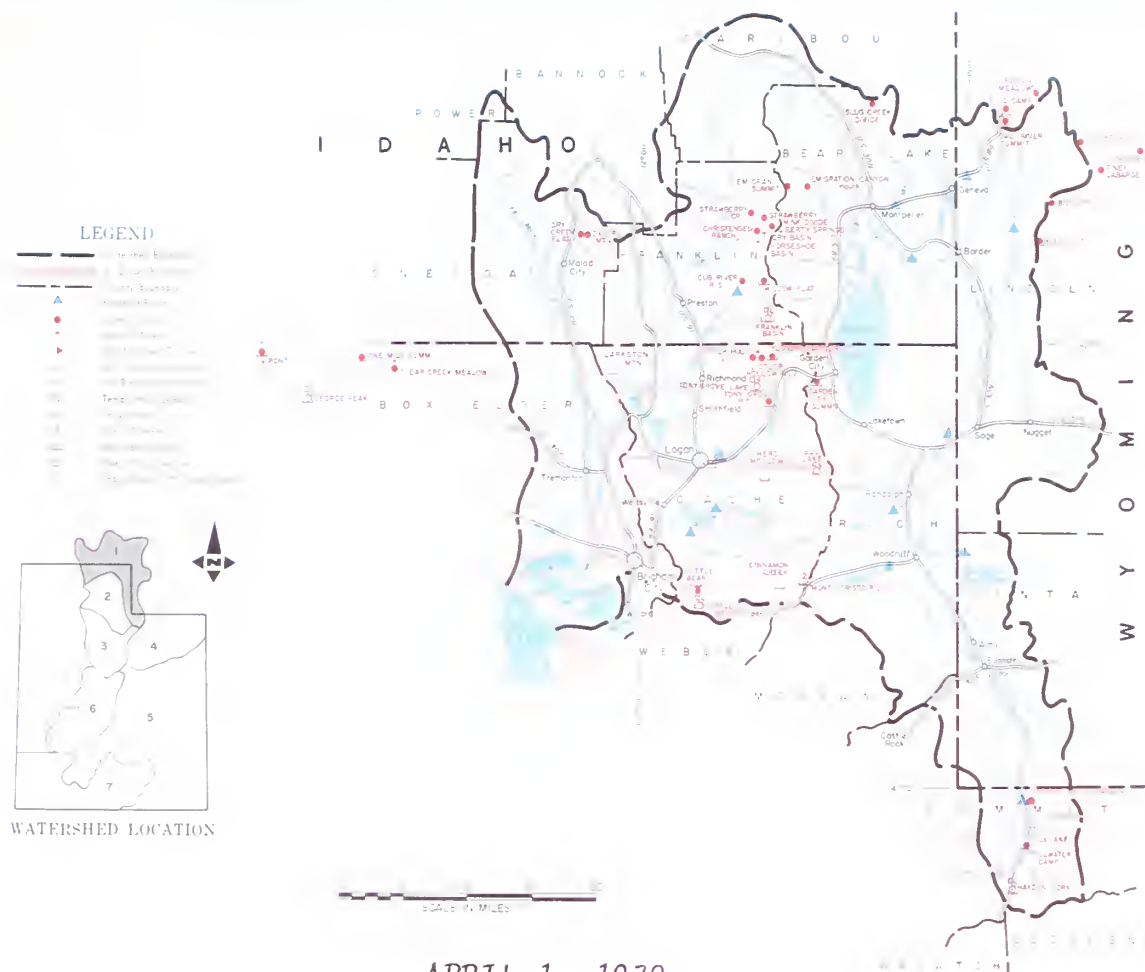
<u>STREAM</u>	<u>PERIOD</u>	<u>FORECAST</u>	<u>% AVERAGE</u>
Bear River at Utah-Wyoming SL	April-July	102	89
Logan near Logan	April-July	120	102
Weber near Oakley	April-June	90	87
Provo below Deer Creek Dam	April-July	140	117
Duchesne near Tabiona	April-July	115	107
Price near Heiner	April-July	90	141
Navajo Reservoir Inflow	April-July	1450	238
Sevier at Hatch	April-July	100	244
Beaver near Beaver	April-July	35	175
Lake Powell Inflow	April-July	11000	158

Peak flows in southern Utah streams have the potential for being well above normal. Timing and actual heights of peaks will be determined by temperatures and precipitation during the snow melt period.

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER is average within the drainage, with good low elevation snow still remaining.

PRECIPITATION during March, as measured at mountain stations was about half normal, however, seasonal totals are still average.

SOIL MOISTURE is improved from last month, but still below average.

RESERVOIR STORAGE is near average as of this time.

STREAMFLOW FORECASTS reflect the average snowpack figures, and range from 81% at Bear near Randolph to 102% for the Logan River near Logan. Peak flows on streams in the area are anticipated to be near average.

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>BEAR RIVER</u>					
Bear nr UT-Wyo. State Line	102	89	Apr-July	115	114
Bear nr Woodruff	129	87	Apr-July	125	148
Woodruff Crk nr Woodruff, UT	17.4	95	Apr-July	15.5	18.4 ^b
Big Creek nr Randolph, Utah	5.3	106	Apr-July	--	5.0 ^b
Bear nr Randolph	97	81	Apr-July	51	120
Thomas Fork nr UT-Wy State L	35	100	Apr-Sept	54	35
Smith's Fork nr Border, Wyo.	120	100	Apr-Sept	159	120
Bear at Harer, Idaho 1/	305	92	Apr-Sept	278	332
Logan nr Logan 1/	120	102	Apr-July	136	118
Blacksmith Fork nr Hyrum	50	93	Apr-July	50	54
Little Bear nr Paradise	38	100	Apr-June	25	38
Cub River nr Preston, ID	52	100	Apr-Sept	64	52
1 - Observed flow corrected for change in storage and diversions					
2 - Provisional flows - Subject to correction					
b - Average of all past record - less than 15 years					

1 - Observed flow corrected for change in storage and diversions
 2 - Provisional flows - Subject to correction
 b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	
		Percent	Average
BEAR RIVER	34	91	104
UPPER BEAR RIVER	9	79	96
LOWER BEAR RIVER	25	95	106
LOGAN RIVER	6	86	102
UPPER RAFT RIVER	3	133	138

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			Thousand Acre Feet		
			This Year	Last Year	Average †
BEAR RIVER					
	Bear Lake	1421.0	1039.6	801.6	1039.5
	Woodruff Narrows	26.5	19.5	10.9	23.8
LITTLE BEAR					
	Hyrum	15.3	10.5	10.5	12.4
	Porcupine	11.3	5.4	6.1	5.2

+ - 1963-77 15 year Average Period
 e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	
	Forecast Range	Average †
Big Creek nr Randolph	50-90	--
Logan River nr Logan	850-1100	1016
Woodruff Creek nr Woodruff	250-400	267
Little Bear nr Paradise	250-400	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Water Content (Inches)		Water Content (Inches)	
		Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1
Cub River R.S.	4/5	24	9.8	3.2	6.9
Emigrant Summit	3/28	68	23.7	28.9	26.0
Franklin Basin	4/5	73	27.8	33.1	28.2
Hayden Fork	4/6	54	17.5	17.2	15.9
Klondike Narrows	4/5	55	20.7	22.8	20.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Water Content (Inches)		Water Content (Inches)	
		Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Little Bear Lower	3/26	32	11.7	8.3	9.9
Little Bear Upper	3/26	43	16.0	11.4	12.9
Monte Cristo	3/26	61	24.7	27.7	25.9
Salt River Summit	3/29	53	18.4	21.6	16.9
Stillwater Camp	4/6	36	10.7	11.8	11.3 ^b
Tony Grove R.S.	4/5	39	14.6	12.3	11.9

UNITED STATES DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 Federal Bldg. - Room 4012
 Salt Lake City, Utah 84138

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF AGRICULTURE
 AGR-101



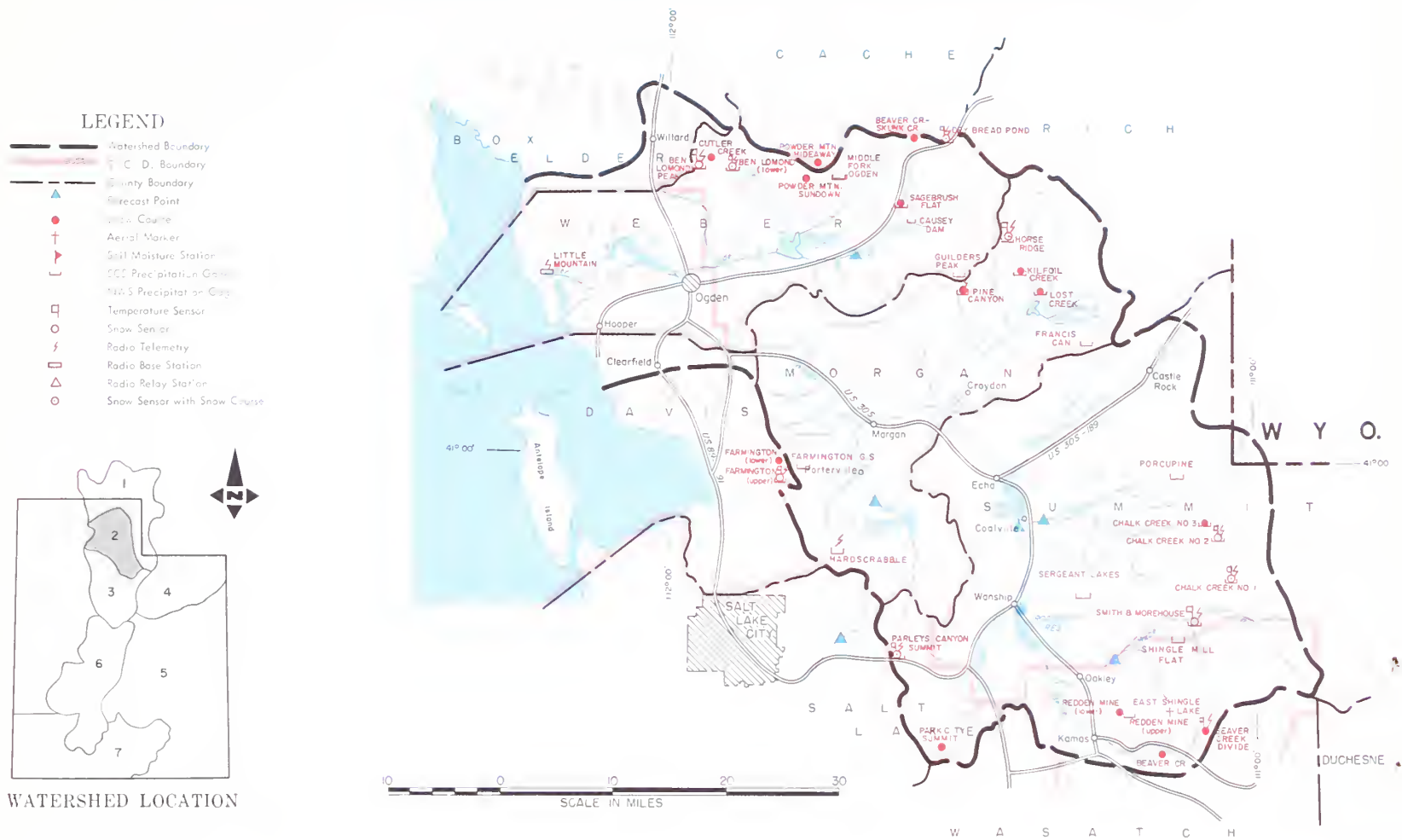
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES WILL BE NEAR AVERAGE

SNOW COVER is near normal, with a slight percentage drop from earlier March 1 survey data.

PRECIPITATION totals for March were below average at mountain stations, with little recorded until near the months' end.

SOIL MOISTURE is near average, with low elevation soils at capacity.

RESERVOIR STORAGE is above average for this date, with some basin reservoirs releasing water in anticipation of spring melt.

STREAMFLOW FORECASTS remain near average with only slight adjustment since March 1. The Weber is forecast at 87% near Oakley, while Pineview Reservoir Inflow is predicted at 109% of average.

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		THOUSAND ACRE FEET Last Year ³	Average [†]
<u>WEBER-OGDEN RIVERS</u>					
Weber nr Oakley	90	87	Apr-June	121	104
Rockport Reservoir Inflow ¹	95	85	Apr-June	--	112
Chalk Creek at Coalville	30	77	Apr-June	37	39
Weber nr Coalville	100	81	Apr-June	--	123
Lost Creek nr Croydon, Utah	22	126	Apr-June	--	17.4 ^b
East Canyon Creek nr Morgan ¹	26	100	Apr-June	--	26
Hardscrabble Crk nr Porterville	19.0	102	Apr-June	--	18.6 ^e
South Fork Ogden nr Huntsville	61	107	Apr-June	62	57
Pineview Reservoir Inflow ²	125	109	Apr-June	136	115
Weber at Gateway	264	86	Apr-June	--	308
<u>JORDAN RIVER & SALT LAKE</u>					
Farmington Crk nr Farmington	9.0	111	Apr-July	--	8.1 ^b
1 - Observed flow corrected for change in storage and diversions					
2 - Inflow record as computed by U.S. Bureau of Reclamation					
3 - Provisional flows - Subject to Correction					
b - Average of all past record - less than 15 years					
+ - 1963-77 15 Year Average Period					

1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U.S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 b - Average of all past record - less than 15 years
 + - 1963-77 15 Year Average Period

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	5	92	121
WEBER RIVER	6	96	108

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average [†]
<u>OGDEN</u>	Causey	6.9	2.0	3.8	2.5
	Pineview	110.1	59.7	65.0	55.8
<u>WEBER</u>	East Canyon	48.1	41.3	24.5	29.0
	Echo	73.9	59.8	51.0	50.7
	Lost Creek	20.0	14.8	11.2	13.1
	Rockport	60.9	34.5	36.7	32.5
	Willard Bay	193.3	159.6	151.4	145.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average [†]
South Fork Ogden nr Huntsville	500-700	772
Chalk Creek nr Coalville	150-350	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Average [†]
Beaver Creek R.S.	4/7	14	5.8	7.8	7.2
Beaver Creek-Skunk Creek	3/26	35	14.5	14.1	12.0
Ben Lomond Peak	3/26	113	45.3	50.6	34.1
Ben Lomond Trail	3/26	72	27.7	--	16.2 ^b
Chalk Creek #1	4/6	64	19.9	23.7	22.4
Chalk Creek #2	4/6	49	14.7	14.2	15.6
Chalk Creek #3	4/6	21	6.8	6.0	7.5
Dry Bread Pond	3/26	55	20.6	23.3	18.9

SNOW

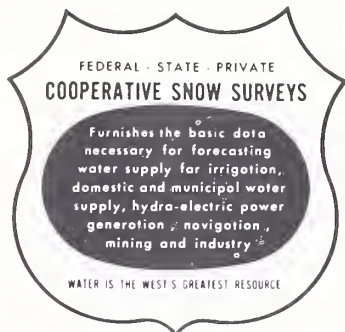
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Water Content (Inches) Last Year	Average [†]
Horse Ridge	3/26	57	23.1	22.0	21.9 ^b
Lost Creek Reservoir	3/26	17	6.4	0.0	2.0 ^b
Monte Cristo	3/26	61	24.7	27.7	25.9
Parleys Canyon Summit	3/29	53	17.8	22.2	18.5
Sagebrush Flat	3/26	2	0.7	0.0	2.0
Smith & Morehouse	4/6	39	14.7	14.0	12.9
Trial Lake	4/1	81 ^e	27.0 ^e	27.4	23.5

e - estimated

UNITED STATES DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

Federal Bldg. - Room 4012
 Salt Lake City, Utah 841138

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF
 AGRICULTURE
 AGR-101



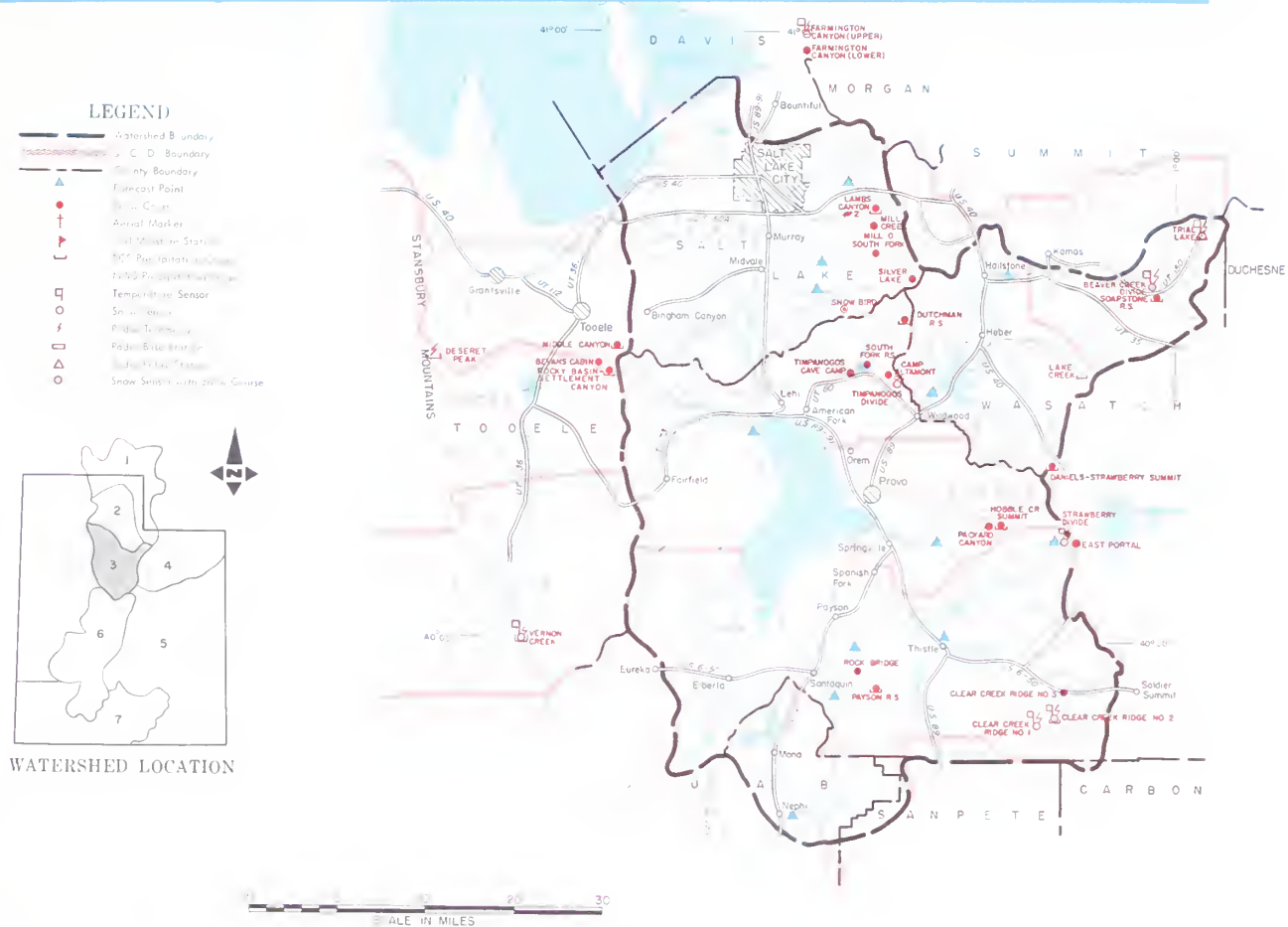
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES IN THIS AREA WILL BE AVERAGE

SNOW COVER remains above average again this month, with some improvement around Utah Lake. The Upper Provo River system is just at normal levels.

PRECIPITATION totals for March as measured at mountain stations are near normal. Seasonal totals are slightly above normal.

SOIL MOISTURE is average at this point in the year.

RESERVOIR STORAGE is above average again this month, with only Deer Creek below its April 1 average usable storage.

STREAMFLOW FORECASTS are still near average this month with only slight adjustments. The Provo at Hailstone is forecast at 108%, and Utah Lake 113% of average. Peak flows are anticipated to be near normal levels.

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
2					
Average					
<u>PROVO RIVER AND UTAH LAKE</u>					
Provo nr Hailstone 1	110	108	Apr-July	- -	109
Provo below Oer Creek Dam	140	117	Apr-July	- -	122
American Fork nr American Fork	35	113	Apr-July	37	31
Hobble Creek or Springville	25	127	Apr-July	- -	19.7 ^b
Strawberry Reservoir Inflow	65	125	Apr-July	67	52
Spanish Fork at Thistle	45	115	Apr-July	- -	39 ^b
Payson Creek nr Payson	7.0	111	Apr-July	- -	63
Utah Lake Inflow	275	113	Apr-July	- -	244
<u>JORDAN RIVER & SALT LAKE</u>					
Little Cottonwood Crk nr SLC	37	97	Apr-July	- -	38
Big Cottonwood nr SLC	41	108	Apr-July	42	38
Parley's Creek nr SLC	15.0	97	Apr-July	- -	15.4
Mill Creek nr SLC	7.0	111	Apr-July	- -	8.8
Emigration Creek nr SLC	3.5	88	Apr-July	- -	4.9
City Creek nr SLC	7.2	90	Apr-July	- -	10.7
<u>TOOELE VALLEY</u>					
Vernon Creek nr Vernon	1.4	140	Mar-July	- -	1.0
Settlement Crk nr Tooele	2.6	- -	Apr-July	- -	- -
<u>RESERVOIR STORAGE (Thousand Acre Feet)</u>					

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
SPANISH FORK	Strawberry	270.0	167.8	147.2	156.9
UTAH LAKE	Utah Lake	883.9	857.8	738.0	752.0
	Settlement Creek	1.2	0.7	0.5	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	84.8	81.8	108.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	10	103	146
JORDAN RIVER & SALT LAKE	6	97	110
TOOELE VALLEY	3	99	107

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
+ - 1963-77 15 Year Average Period
b - less than 15 years in average period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Hobble Creek nr Springville	150-250	260 ^b
Spanish Fork nr Thistle	450-650	482 ^b
Big Cottonwood nr Salt Lake City	400-550	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Bevans Cabin	3/31	40	10.1	8.5	11.5
Camp Altamont	3/31	58	23.6	21.7	13.4
Clear Creek #1	4/5	62	22.8	23.8	18.2
Clear Creek #2	4/5	52	17.0	15.8	13.6
Clear Creek #3	4/5	18	6.9	5.9	5.2
Daniels-Strawberry Summit	4/5	49	18.2	19.8	13.7
Oeseret Peak	3/28	86	30.0	30.5	- -
Dutchman R.S.	3/31	61	22.2	25.5	15.4
Hobble Creek Summit	4/5	56	21.8	20.2	12.9
Lambs Canyon #2	3/29	43	14.6	18.0	- -
Middle Canyon	3/31	53	16.9	13.0	14.1
Mill Creek	3/30	54	17.6	22.1	- -

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Mill O South Fork	3/30	50	18.4	20.4	19.9
Parleys Canyon Summit	3/29	53	17.8	22.2	18.5
Payson R.S.	4/4	65	22.7	24.4	18.4
Rocky Basin-Settlement Canyon	3/28	79	29.2	35.0	27.1
Silver Lake Brighton	3/30	84	28.0	28.7	24.9
Soapstone R.S.	4/7	31	12.4	13.2	11.6
South Fork R.S.	3/30	28	11.4	5.9	3.2
Timpanogos Ovide	3/31	82	31.4	33.0	23.5
Trial Lake	4/1	81 ^e	27.0 ^e	27.4	23.5
Vernon Creek	3/26	54	17.4	18.2	11.2 ^a

a - Partly Estimated
e - estimated

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE
AGR-101



FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS

STREAMFLOW FORECASTS remain near average again this month. Some improvement is seen for the Strawberry River, now forecast at 132% of normal. Currant Creek is expected to run 125%, and Duchesne at Duchesne 106%. Peak flows this season will be in the normal range.

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year ²	Average [†]
<u>DUCHESNE RIVER</u>					
Duchesne nr Tabiona ¹	115	107	Apr-July	- -	107
Duchesne at Duchesne ¹	204	106	Apr-July	- -	193
Strawberry at Duchesne	75	132	Apr-July	- -	57
Rock Creek nr Mtn. Home	110	116	Apr-July	116	95
Current Creek nr Fruitland	25	125	Apr-July	19.0	20
Lakefork below Moon Lake ¹	77	107	Apr-July	70	72
Yellowstone nr Altonah	72	107	Apr-July	- -	67
Duchesne at Myton ¹	280	133	Apr-July	134	210
Whiterocks nr Whiterock	67	112	Apr-July	49	60
Uintah nr Neola	90	101	Apr-July	72	89
Duchesne at Randlett ¹	330	124	Apr-July	- -	266
West Fork Duchesne at Hanna	28	108	Apr-July	- -	26
<u>FLAMING GORGE TO DUCHESNE RIVER</u>					
Henry's Fork at Linwood	49	91	Apr-Sept	- -	54
Black's Fork at Millburne	88	96	Apr-July	- -	92
Flaming Gorge Inflow ¹	1270	98	Apr-July	1470	1292
Ashley Creek nr Vernal	62	122	Apr-July	37	51

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
DUCHESNE RIVER - TOTAL	12	108	144
LAKEFORK-YELLOWSTONE CREEKS	4	98	123
STRAWBERRY RIVER	3	99	140
UINTAH - WHITEROCKS RIVERS	2	137	182
ASHLEY CREEK	1	123	158
BLACK'S FORK	4	109	120

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STRAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Steinaker	33.3	13.7	8.8	23.4
GREEN RIVER	Flaming Gorge	3749.0	2471.6	1998.0	- -
LAKE FORK	Moon Lake	35.8	9.0e	13.3	19.6
STRAWBERRY	Starvation	165.3	122.8	147.2	127.6
UINTAH	Bottle Hollow	11.3	9.9	10.2	10.6

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	750-1200	656
Ashley Creek nr Vernal	500-1000	1030

SNOW 1963-77 15 Year Average Period

DRAINAGE BASIN and/or SNOW COURSE	NAME	THIS YEAR		PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)
				Last Year	Average †
Brown Duck Ridge	4/1	73e	22.0e	21.4	17.4a
Current Creek	4/5	36	14.3	12.1	7.7
Daniels-Strawberry	4/5	49	18.2	19.8	13.7
Hewinta G.S.	4/7	36	12.0	9.3	9.4
Hickerson Park	4/7	17	5.7	6.2	5.9b
Hole-in-the-Rock	4/6	27	7.1	- -	5.0
Hole-in-the-Rock G.S.	4/6	16	5.6	- -	1.4
Jackson Park	4/1	48e	13.8e	15.1	11.5b
Kings Cabin Upper	4/7	46	15.5	12.6	9.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	NAME	THIS YEAR		PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)
				Last Year	Average †
Lakefork Mountain	4/1	44e	12.7e	11.8	10.6
Mosby Mountain	4/7	54	15.7	11.8	8.6
Paradise Park	4/1	74e	21.5e	15.4	11.8
Rock Creek Ranch	4/9	22	7.3	8.6	5.8
Spirit Lake	4/6	54	18.0	10.8	12.1
Steel Creek Park	4/6	51	17.0	17.4	15.6
Strawberry Divide	3/29	73	23.2	24.4	18.5
Trout Creek	4/7	50	16.7	10.6	- -

e = estimated

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138
OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE
AGR-101



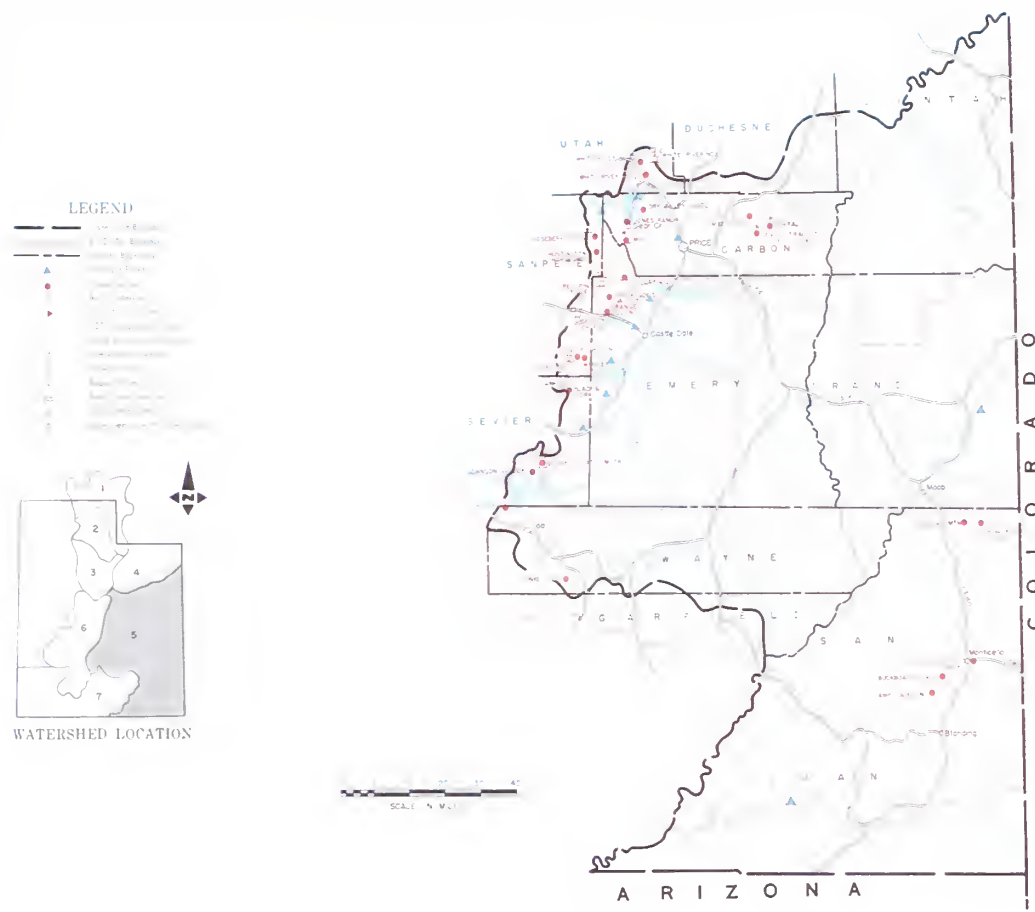
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

WATER SUPPLIES SHOULD BE ABOVE AVERAGE

SNOW COVER through this area is well above average. The Blue Mountains above Monticello have a 247% snowpack.

PRECIPITATION at mountain stations indicate a scattered intensity pattern, with some locations showing two times normal monthly catches, with others at half normal.

SOIL MOISTURE in most profiles are at capacity.

RESERVOIR STORAGE is again above average this month. Scofield contains 42,500 acre feet.

STREAMFLOW FORECASTS again reflect the excellent snowpack conditions, and range from 158% on the Muddy to 130% on Cottonwood Creek. Peak flows should pose no problems if near normal weather conditions prevail.

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year ²	Average ⁴
<u>PRICE RIVER</u>					
Gooseberry Crk nr Scofield	14.0	139	Apr-July	- -	10.1
Scofield Reservoir Inflow	52	145	Apr-July	- -	36
Price nr Heinerl	90	141	Apr-July	- -	64
<u>SAN RAFAEL RIVER</u>					
Huntington Crk nr Huntington	69	150	Apr-July	66	49 ^b
Cottonwood Crk nr Orangeville	57	130	Apr-July	- -	44 ^b
Ferron Creek nr Ferron	50	148	Apr-July	- -	34
<u>MUDDY CREEK</u>					
Muddy Creek nr Emery	26	158	Apr-July	- -	16.8
<u>UPPER COLORADO BASIN</u>					
Colorado nr Cisco, Utah	4900	180	Apr-July	3884	2716
Green at Green River, Utah	3500	118	Apr-July	3560	2975
Mill Creek nr Moab	8.5	167	Apr-July	- -	5.1 ^b
Navajo Reservoir Inflow	1450	238	Apr-July	- -	608
San Juan nr Bluff, Utah	2000	231	Apr-July	870	865
<u>FREMONT RIVER</u>					
Seven Mile Crk nr Fish Lake	9.2	144	Apr-July	- -	6.4

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	96	144
SAN RAFAEL RIVER	7	88	138
FREMONT RIVER	3	98	169
LASAL MOUNTAINS	2	100	169
BLUE MOUNTAINS	2	167	247
MUDDY RIVER	2	72	126

1 - Observed flow corrected for change in storage and diversions
 2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
PRICE RIVER	Scofield	65.8	42.5	19.7	36.8
SAN RAFAEL	Huntington North	3.9	2.5	3.9	3.6
	Joe's Valley	54.6	39.2	35.1	38.0
	Mill Site	16.7	6.8	2.0	--
SAN JUAN	Navajo	1696.0	1185.0	960.7	--

+ - 1963-77 15 Year Average Period

b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Ferron Creek near Ferron	550-750	422
Muddy Creek near Emery	150-250	154

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Buck Flat	4/5	70	23.0	24.4	15.4
Buckboard Flat	3/30	81	27.6	14.8	11.7
Camp Jackson	3/30	81	28.0	18.5	10.8
Dills Camp	4/5	52	14.6	20.3	11.4
Dry Valley Divide Alternate	4/5	40	15.4	- -	- -
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Mammoth-Cottonwood R.S.	4/2	78	27.0	29.4	20.3
Monticello City Park	3/30	0	0.0	0.0	- -
Mud Creek	4/3	61	17.1	16.3	12.3
Seeley Creek	4/4	67	19.1	24.9	16.0
White River #1	4/5	59	18.8	17.7	12.8
White River #3	4/3	27	9.1	12.8	6.1

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICEFederal Bldg. - Room 4012
Salt Lake City, Utah 84138OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE
AGR-101

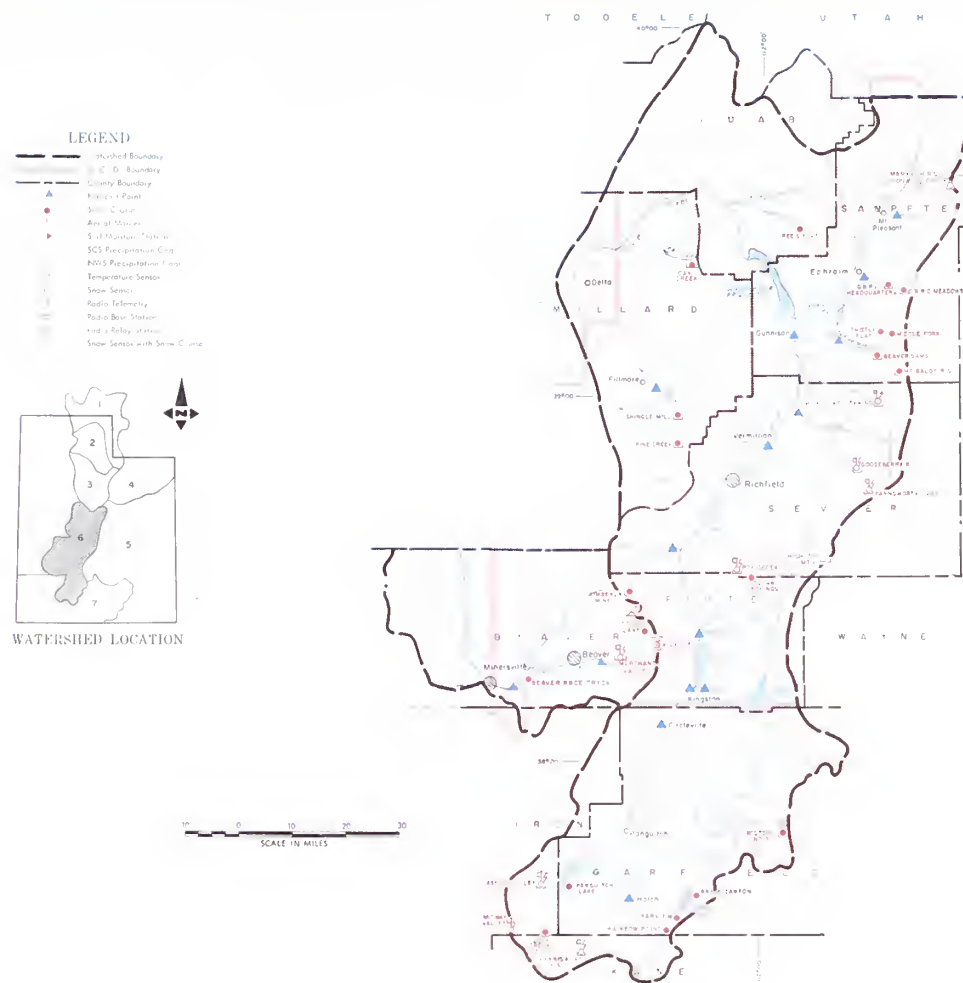
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1979

ABOVE AVERAGE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER on the upper reaches of the river is excellent. Twice normal water contents are common on snow courses within the area.

PRECIPITATION at mountain stations shows near normal March accumulations at most locations. Duck Creek R.S. recorded 5.20 inches for 159% of average.

SOIL MOISTURE is above average on the Upper Sevier. Lower Sevier soils are not fully recharged.

RESERVOIR STORAGE in the four major Sevier Reservoirs is 76% of their April 1 average. Sevier Bridge is not expected to fill.

STREAMFLOW FORECASTS throughout the basin reflect the above normal snowpack and fall precipitation amounts. Forecasts range from 310% for Sevier near Kingston to 115% for Oak Creek near Oak City. Peak flows will be higher than normal, and preparation should be made to protect low lying properties.

SEVIER RIVER BASIN including DEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thous and Acre Feet	Percent of Average		Last Year ²	Average [†]
<u>SEVIER RIVER</u>					
Sevier at Hatch	100	244	Apr-July	51	41
Sevier nr Circleville	80	276	Apr-July	--	29
Sevier nr Kingston	70	310	Apr-July	--	22
Antimony Crk nr Antimony	17.5	254	Apr-July	--	6.9
East Fork Sevier nr Kingston	47	306	Apr-July	--	15.4
Sevier below Piute Dam	110	306	Apr-July	--	36
Clear Crk nr Sevier (abv Oiv)	34	191	Apr-July	25	17.8
Inflow					
Kingston to Vermillion Dam	110	196	Apr-June	--	56
Vermillion Dam to Gunnison	57	165	Mar-June	--	35
Salina Creek at Salina	18.7	168	Apr-June	12.8	11.1
Sevier nr Gunnison	82	164	Apr-July	35	50
Chalk Creek nr Fillmore	18.0	116	Apr-July	--	15.5 ^b
Chicken Creek nr Levan	3.8	123	Apr-July	--	3.1
Oak Cr. nr Oak City	1.6	115	Apr-July	--	1.4
<u>SAN PITCH RIVER</u>					
Ephraim Creek nr Ephraim	25	172	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	12.9	150	Apr-July	--	8.6
<u>BEAVER RIVER</u>					
Beaver nr Beaver	35	175	Apr-July	37	20
North Creek (Combined)	20	164	Apr-July	--	12.2 ^b
Minersville Reservoir Inflow ¹	20	303	Apr-July	--	6.6

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	18.1	9.1e	16.5
	Otter Creek	52.5	31.5	37.3	37.3
	Piute	71.8	34.8	24.0	49.9
	Sevier Bridge	236.0	106.0	97.8	146.8
BEAVER RIVER	Minersville (Rky Fd)	23.3	15.9	7.9	14.9

b - Average of all past record - less than 15 years
 + - 1963-77 15 Year Average Period
 e - Estimated

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Big Flat	3/26	83	27.7	29.2	16.1
Bryce Canyon	3/28	48	10.8	2.8	3.1
Castle Valley	3/26	60	21.2	15.9	11.3
Ouck Creek	4/3	87	29.4	22.8	11.5
Farnsworth Lake	3/26	58	19.0	23.1	19.5
Gooseberry R.S.	3/26	35	11.8	15.0	12.0

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER	10	135	213
East Fork Sevier	4	148	203
South Fork Sevier	5	136	245
LOWER SEVIER	12	86	125
BEAVER RIVER	3	91	181
1 - Observed flow corrected for change in storage and diversions			
2 - Provisional flows - Subject to correction			

1 - Observed flow corrected for change in storage and diversions
 2 - Provisional flows - Subject to correction

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Sevier River at Hatch	800-1200	428
Sevier River nr Kingston	700-1000	300
Clear Creek nr Sevier	350-450	---
Salina Creek nr Salina	700-900	---
Beaver River nr Beaver	350-550	211

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Harris Flat	4/3	65	23.0	15.6	6.5
Kimberly Mine	3/26	65	20.4	19.5	15.8
Long Valley Junction	4/3	37	13.6	5.0	2.7
Merchants Valley Upper	3/26	51	17.4	22.6	9.7 ^b
Midway Valley	4/3	126	43.2	32.4	20.1
Otter Lake	3/26	70	24.0	24.1	12.3
Pickle Keg Springs	3/29	49	17.0	25.9	16.1 ^b
Widtsoe-Escalante #3	4/4	78	24.0	15.6	9.9

UNITED STATES DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 Federal Bldg. - Room 4012
 Salt Lake City, Utah 84138

OFFICIAL BUSINESS
 PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF AGRICULTURE
 AGR-101



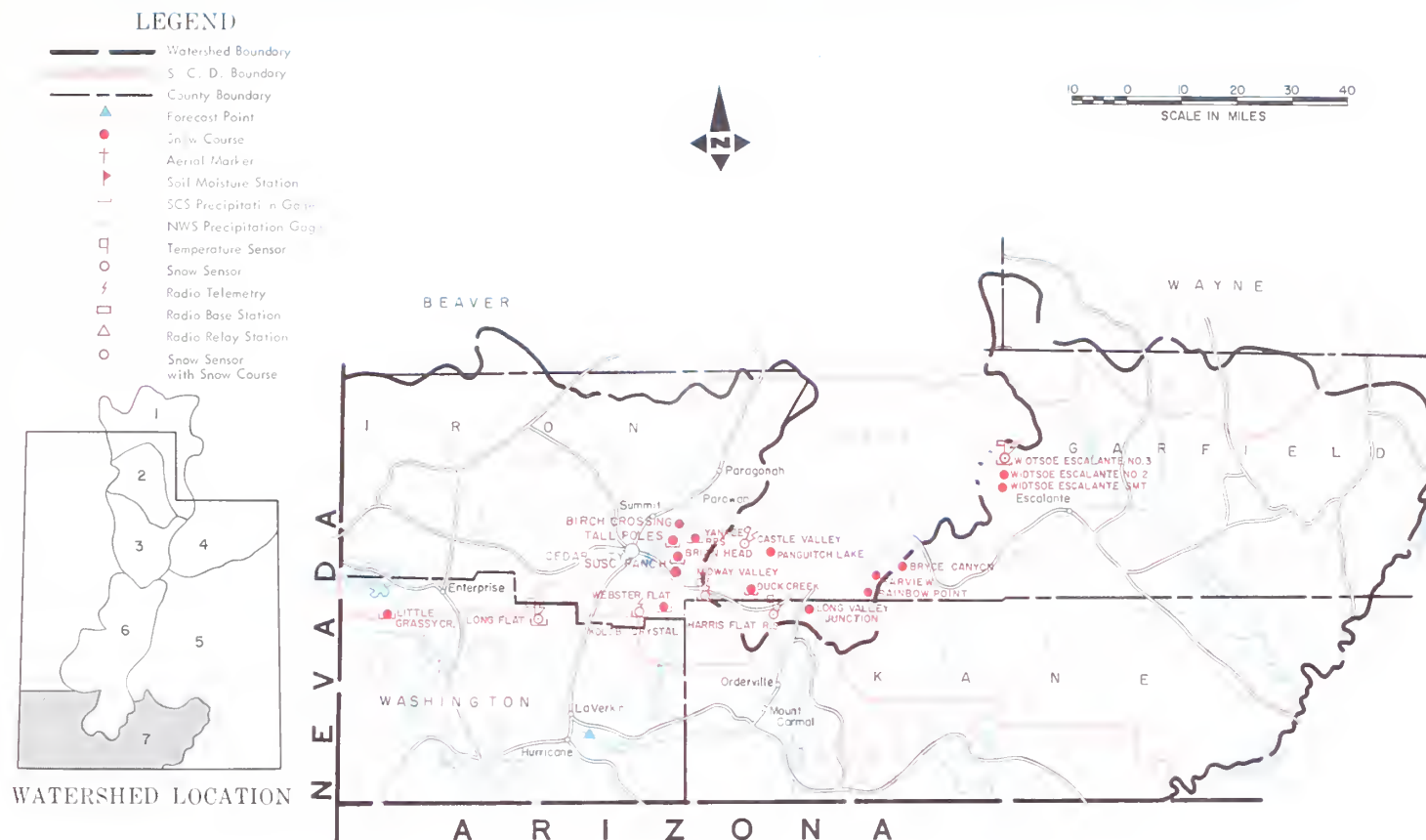
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MORE THAN ADEQUATE WATER SUPPLIES WILL BE AVAILABLE

SNOW COVER figures again this month are impressive, 388% of average on the Enterprise-New Harmony drainage and 238% on Coal Creek above Cedar City.

PRECIPITATION at mountain locations for March ranged from 308% at Little Grassy, to 70% at Yankee Reservoir. Seasonal accumulations are well above average this year.

SOIL MOISTURE is above average, with most lower elevation soils at capacity.

RESERVOIR STORAGE is above average, with some facilities spilling water.

STREAMFLOW FORECASTS are again above average, with significant period flows expected this year. Peak flows may pose some hazard depending on weather conditions during the melt period.

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year ²	Average [†]
<u>VIRGIN RIVER</u>					
Virgin nr Hurricane	117	245	Apr-June	--	48.5
Santa Clara nr Pine Valley	10.5	256	Apr-June	9.9	4.1
<u>COAL CREEK</u>					
Coal Creek nr Cedar City	38	228	Apr-July	--	17.0
<u>UPPER COLORADO</u>					
Lake Powell Inflow	11000	158	Apr-July	--	6952
2 - Provisional Flows - Subject to correction					

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	129	238
VIRGIN RIVER	3	129	237
PAROWAN CREEK	4	139	167
ENTERPRISE - NEW HARMONY	2	393	388

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average [†]
<u>COLORADO</u>	Lake Powell	25002.0	15946.0	14528.0	---
	Blue Mesa	829.5	311.5	247.1	---
b - Average of all past record - less than 15 years + - 1963-77 15 year Average Period					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average [†]
Coal Creek nr Cedar City	1000-1400	269
Virgin nr Hurricane	1350-1800	---

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average [†]
<u>NAME</u>					
Birch Crossing	4/4	38	13.5	5.0	5.3b
Brian Head	3/26	85	30.0	25.7	19.9b
Harris Flat	4/3	65	23.0	15.6	6.5
Kolob-Crystal	4/5	120	45.0	36.1	21.8a
Little Grassy	4/5	28	13.7	0.0	2.0
Long Flat	4/5	44	15.4	7.4	5.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average [†]
<u>NAME</u>					
Long Valley Junction	4/3	37	13.6	5.0	2.7
SUSC Ranch	4/3	57	19.8	12.0	6.1b
Tall Poles	4/4	71	21.2	16.5	13.8b
Webster Flat	4/3	102	36.6	32.6	15.7
Yankee Reservoir	3/26	47	15.2	10.4	9.0

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF
AGRICULTURE
AGR-101



FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	3/30	57	17.2	25.8	21.2						
Burts-Miller Ranch	4/6	16	5.3	5.1	6.1	4/6	1.45	- -	7.20	12.00b	60
CCC Camp	3/29	40	13.4	16.4	13.4						
Hayden Fork	4/6	54	17.5	17.2	15.9	4/6	3.80	- -	19.93	20.06b	99
Kelly R.S.	3/30	59	18.8	25.4	18.3						
Monte Cristo R.S.	3/26	61	24.7	27.7	25.9	3/26	2.39a	4.68	25.62	25.95	99
Poison Meadows	3/30	79	26.2	38.8	30.2						
Salt River Summit	3/29	53	18.4	21.6	16.9	3/29	1.57	2.97	15.88	17.23	92
Snider Basin	3/30	49	17.4	22.4	17.4						
Stillwater Camp	4/6	36	10.7	11.8	11.3b	4/6	2.07	- -	10.85	12.39	88
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	3/26	56	21.4	20.5	20.7a						
Christensen Ranch	3/27	26	9.6	5.0	7.6						
Clegg Canyon	3/27	31	11.0	9.5	- -						
Cub River R.S.	4/5	24	9.8	3.2	6.9						
Daniels Creek	3/27	20	6.6	3.2	- -						
Dry Basin	4/5	84	30.0	36.9	30.2						
Dry Creek Flat	3/27	17	7.6	1.7	5.3						
Emigrant Summit	3/28	68	23.7	28.9	26.0						
Emigration Canyon	3/28	34	11.3	10.8	11.1						
Franklin Basin	4/5	73	27.8	33.1	28.2						
Garden City Summit	3/26	55	20.3	19.4	18.5	3/26	1.11	3.45	19.27	19.23	100
Horseshoe Basin	4/5	76	29.8	35.4	25.6						
Klondike Narrows	4/5	55	20.7	22.8	20.7	4/5	2.78	- -	17.99	- -	- -
Liberty Springs	4/5	110	40.4	50.4	39.8						
Little Bear (lower)	3/26	32	11.7	8.3	9.9						
Little Bear (upper)	3/26	43	16.0	11.4	12.9						
Lower Elkhorn	3/27	31	12.2	15.5	14.0a						
Oxford Mountain	3/27	32	12.5	6.0	9.5a						
Slug Creek Divide	3/28	49	18.0	21.0	18.0						
Steep Hollow #1	4/5	101	37.5	43.4	38.0						
Steep Hollow #2	4/5	72	27.5	32.7	27.0						
Strawberry Creek	3/28	36	12.7	6.7	10.2						
Strawberry Mink Divide	3/27	60	23.8	27.0	21.9						
Tony Grove Lake	4/5	101	36.3	47.0	35.0a						
Tony Grove R.S.	4/5	39	14.6	12.3	11.9	4/5	2.35	3.45	19.12	- -	- -
Upper Elkhorn	3/27	57	19.3	25.5	19.5a						
Willow Flat	4/5	47	19.4	15.2	14.8	4/5	3.00	4.04	22.07	22.07	100
Worm Creek	4/5	51	21.1	22.1	- -						
RAFT RIVER											
Clear Creek Meadows	3/29	72	20.4	26.2	23.6						
George Peak	3/29	75	21.2	31.0	- -						
One Mile Summit	3/29	22	5.9	6.1	7.6						
Vipont (A)	3/29	46	16.5	16.0	15.1a						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/26	35	14.5	14.1	12.0						
Ben Lomond Peak	3/26	113	45.3	50.6	34.1						
Ben Lomond Trail	3/26	72	27.7	- -	16.2b	3/26	2.74	3.76b	28.16	28.75b	98
Causey Dam						3/26	1.05	2.31b	13.45	14.22	94
Dry Bread Pond	3/26	55	20.6	23.3	18.9						
North Fork	4/4	69	29.8	18.9	- -						
Sagebrush Flat	3/26	2	0.7	0.0	2.0	3/26	1.06	2.28b	13.79	14.35	96
WEBER RIVER											
Beaver Creek R.S.	4/7	14	5.8	7.8	7.2						
Chalk Creek #1	4/6	64	19.9	23.7	22.4						
Chalk Creek #2	4/6	49	14.7	14.2	15.6						
Chalk Creek #3	4/6	21	6.8	6.0	7.5	4/6	2.28	2.68b	10.42	13.94b	75
East Shingle Lake (A)		Data Delayed									
Farmington Canyon (lower)	3/26	80	30.9	30.1	22.4b	3/26	3.49	5.23b	26.66	27.63	96
Farmington Canyon (upper)	3/26	89	34.4	39.5	30.8						
Farmington G.S.						3/26	3.51	- -	22.11	- -	- -
Horse Ridge	3/26	57	23.1	22.0	21.9b	3/26	2.00	4.24b	23.91	23.64	101

SNOW

SNOW	THIS YEAR					PAST RECORD		PRECIPITATION (Inches)				
	DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
					Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME												
WEBER RIVER (cont'd)												
Killfoil Creek	3/26	52	17.5	14.0	13.5b							
Lost Creek Reservoir	3/26	17	6.4	0.0	2.0b	3/26	0.63	- -	11.17	- -	- -	
Park City Summit		Not Measured										
Parley's Canyon Summit	3/26	53	17.8	22.2	18.5	3/26	1.57	4.07	18.86	22.55	84	
Redden Mine (lower)	4/9	46	17.0	19.8	18.0							
Redden Mine (upper)		Data Delayed				4/9	- -	3.78b	19.80	23.48	84	
Sergeant Lake (A)												
Smith & Morehouse	4/6	39	14.7	14.0	12.9	4/6	2.85	3.04	15.02	17.75	85	
PROVO RIVER & UTAH LAKE												
Beaver Creek Divide	4/1	34e	11.5e	13.6	10.8a							
Camp Altamont	3/31	58	23.6	21.7	13.4							
Clear Creek Ridge #1	4/5	62	22.8	23.8	18.2							
Clear Creek Ridge #2	4/5	52	17.0	15.8	13.6	4/5	2.85	2.71b	18.07	16.06b	113	
Clear Creek Ridge #3	4/5	18	6.9	5.9	5.2							
Dutchman R.S.	3/31	61	22.2	25.5	15.4	3/31	3.85	3.07b	- -	20.82	- -	
Hobble Creek Summit	4/5	56	21.8	20.2	12.9	4/5	3.00	2.70	18.70	17.19	109	
Payson R.S.	4/4	65	22.7	24.4	18.4	4/4	4.30	2.90	21.85	17.95	122	
Rock Bridge		Not Measured										
Soapstone R.S.	4/7	31	12.4	13.2	11.6	4/7	2.22	2.40	15.19	16.22	94	
South Fork R.S.	3/30	28	11.4	5.9	3.2							
Timpanogos Cave Camp	3/30	4	1.5	0.0	0.6							
Timpanogos Divide	3/31	82	31.4	33.0	23.5	3/31	4.30	3.36	30.45	25.09	121	
Trial Lake	4/1	81e	27.0e	27.4	23.5	4/1	3.25	3.77	24.77a	23.84	104	
JORDAN RIVER & GREAT SALT LAKE												
Bevan's Cabin	3/31	40	10.1	8.5	11.5							
Deseret Peak	3/28	86	30.0	30.5	- -							
Lamb's Canyon #2	3/29	43	14.6	18.0	- -	3/29	1.57	- -	16.75	- -	- -	
Middle Canyon	3/31	53	16.9	13.0	14.1	3/31	4.50	3.39	18.50	15.92	116	
Mill Creek	3/30	54	17.6	22.1	- -							
Mill D South Fork	3/30	50	18.4	20.4	19.9							
Mt. Dell Dam						4/1	1.08	2.09	8.50	13.23	64	
Rocky Basin-Settlement Canyon	3/28	79	29.2	35.0	27.1	3/28	- -	- -	21.91	24.01b	91	
Silver Lake (Brighton)	3/30	84	28.0	28.7	24.9	4/1	4.22	4.80	27.84	27.18	102	
Snow Bird (Gad Valley)	3/28	97	34.0	44.2	- -							
Vernon Creek	3/26	54	17.4	18.2	11.2a	3/26	3.50	2.51b	19.00	15.27	124	
UPPER SEVIER RIVER (South of Richfield, Utah)												
Box Creek	3/26	50	19.0	15.4	12.9	3/26	2.10	2.79	19.90	13.89	143	
Bryce Canyon	3/28	48	10.8	2.8	3.1							
Castle Valley	3/26	60	21.2	15.9	11.3	3/26	2.40	2.77	23.05	13.89	166	
Duck Creek R.S.	4/3	87	29.4	22.8	11.5	4/3	5.20	3.28b	30.63	16.53	185	
Farview	3/29	71	21.0	8.8	- -							
Harris Flat	4/3	65	23.0	15.6	6.5							
Kimberly Mine	3/26	65	20.4	19.5	15.8	3/26	2.70	3.79b	22.38	18.17	123	
Midway Valley	4/3	126	43.2	32.4	20.1	4/3	10.00	- -	39.60	- -	- -	
Panguitch Lake	3/26	32	11.2	7.7	2.9	3/26	1.40	1.38	13.90	7.89	176	
Rainbow Point	3/29	76	24.3	- -	- -							
Squaw Springs	3/26	37	12.3	10.8	6.6							
Widtsøe-Escalante #3	4/4	78	24.0	15.6	9.9	4/4	4.75	2.40	24.30	12.07	201	
LOWER SEVIER RIVER (Including San Pitch River)												
Beaver Dams	4/5	51	15.8	17.0	10.6	4/5	4.19	2.41	18.84	13.07	144	
Farnsworth Lake	3/26	58	19.0	23.1	19.5	3/26	2.10	4.33	17.90	19.56	92	
G.B.R.C. Headquarters	4/4	66	23.2	21.6	15.8	4/4	5.20	4.08	21.80	18.29	119	
G.B.R.C. Majors						4/1	2.90	1.56b	11.85	8.51	139	
G.B.R.C. Meadows	4/4	93	29.2	32.1	22.4	4/4	7.90e	4.10	27.87a	21.67	129	
G.B.R.C. Oaks						4/1	4.00	2.17	14.85	11.87	125	
Gooseberry R.S.	3/26	35	11.8	15.0	12.0	3/26	1.60	3.04b	13.65	12.91b	106	
Mammoth-Cottonwood Creek	4/2	78	27.0	29.4	20.3							
Middle Fork	4/5	93	28.9	30.4	23.4							
Mt. Baldy R.S.	4/5	103	34.8	34.2	21.8	4/5	8.80a	3.14	28.30	16.90	167	
Oak Creek		Not Measured										
Pickle Keg Springs	3/29	49	17.0	25.9	16.1b							
Pine Creek	3/26	42	15.8	30.2	15.2	3/26	1.70	4.94	19.91	23.47	88	
Ree's Flat	4/4	44	14.1	17.3	12.2	4/4	2.95	- -	15.61	- -	- -	
Shingle Mill		Not Measured										
Thistle Flat	4/5	66	20.5	22.5	15.9							

SNOW

SNOW	THIS YEAR					PAST RECORD		PRECIPITATION (Inches)					
	DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE			
					Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average	
<u>BEAVER RIVER</u>													
Beaver Race Track	3/30	1	0.2	- -	- -								
Beaver Canyon Power House						4/1	5.40	1.72	17.19	8.53	202		
Big Flat	3/26	83	27.7	29.2	16.1	3/26	2.50	3.00	23.59	15.53	152		
Merchant's Valley (upper)	3/26	51	17.4	22.6	9.7b	3/26	2.40	2.96b	18.97	14.25	133		
Otter Lake	3/26	70	24.0	24.1	12.3								
<u>PAROWAN CREEK</u>													
Birch Crossing	4/4	38	13.5	5.0	5.3b								
Brian Head	3/26	85	30.0	25.7	19.9b								
Tall Poles	4/4	71	21.2	16.5	13.8b	4/4	5.20	3.02b	20.05	14.89b	135		
Yankee Reservoir	3/26	47	15.2	10.4	9.0	3/26	1.90	2.73b	16.35	12.13	135		
<u>ENTERPRISE TO NEW HARMONY DRAINAGES</u>													
Little Grassy Creek	4/5	28	13.7	0.0	2.0	4/5	6.65	2.16	25.95	14.49	179		
Long Flat	4/5	44	15.4	7.4	5.5	4/5	3.80	2.40	20.65	11.63	178		
<u>COAL CREEK</u>													
Cedar City Golf Course		Not Measured											
SUSC Ranch	4/3	57	19.8	12.0	6.1b								
<u>COLORADO RIVER DRAINAGE</u>													
<u>UPPER GREEN RIVER - UTAH</u>													
Ashley-Twin Lakes (A)		Data Delayed											
Black's Fork G.S.-East Fork	4/6	35	11.7	11.0	9.0	4/6	3.32e	2.43	11.44a	11.94	96		
Black's Fork Junction	4/6	33	11.0	9.8	9.2	4/6	2.90e	2.25	10.76a	11.62	93		
Buck Pasture (A)		Data Delayed											
Burnt Creek	3/27	23	6.0	4.4	- -	3/27	1.40	1.51b	8.62	8.83b	98		
Dutch John Junction	3/27	20	5.8	1.6	- -								
Grizzly Ridge	3/27	45	13.3	10.4	- -	3/27	2.30	2.23b	14.25	12.78	112		
Henry's Fork (A)		Data Delayed											
Hewinta G.S.	4/7	36	12.0	9.3	9.4	4/7	3.40e	2.50	12.14a	12.56	97		
Hickerson Park	4/7	17	5.7	6.2	5.9b								
Hole-in-the-Rock	4/6	27	7.1	- -	5.0								
Hole-in-the-Rock G.S	4/6	16	5.6	- -	1.4								
King's Cabin (lower)		Discontinued											
King's Cabin (upper)	4/7	46	15.5	12.6	9.8	4/7	5.30e	1.90	15.29a	11.14	137		
Middle Beaver Creek	4/6	20	6.3	- -	4.5b								
Reynolds Park (A)		Data Delayed											
Spirit Lake	4/6	54	18.0	10.8	12.1								
Steel Creek Park	4/6	51	17.0	17.4	15.6								
Trout Creek	4/7	50	16.7	10.6	- -	4/7	3.62e	- -	14.23a	- -	- -		
Windy Park (A)		Data Delayed											
<u>DUCHESNE RIVER</u>													
Atwood Lake (A)		Data Delayed											
Brown Duck Ridge	4/1	73e	22.0e	21.4	17.4a								
Chepeta-Whiterocks (A)		Data Delayed											
Currant Creek	4/5	36	14.3	12.1	7.7	4/5	2.85	- -	21.42	13.79b	155		
Daniels-Strawberry Summit	4/5	49	18.2	19.8	13.7	4/5	3.34	2.68	21.10	17.81	118		
East Portal	3/29	49	16.0	14.0	10.9	3/29	2.27	2.51b	19.88	16.73	119		
Five Points Lake (A)		Data Delayed											
Indian Canyon	4/1	68e	21.7e	16.9	12.0	4/1	4.95e	1.91	20.66a	12.78	162		
Jackson Park	4/1	48e	13.8e	15.1	11.5b								
Lakefork Basin (A)		Data Delayed											
Lakefork Mountain	4/1	44e	12.7e	11.8	10.6	4/1	1.80e	2.08	13.67a	12.62	108		
Lakefork Mountain #3	4/1	20e	6.4e	7.6	5.3								
Lightning Lake (A)		Data Delayed											
Mosby Mountain	4/7	54	15.7	11.8	8.6	4/7	5.08	1.47b	17.30	12.00	144		
Paradise Park	4/1	74e	21.5e	15.4	11.8	4/1	5.00e	1.78b	22.12a	13.05	170		
Rock Creek Ranch	4/9	22	7.3	8.6	5.8	4/9	2.71	- -	13.86	11.04	126		
Strawberry Divide	3/29	73	23.2	24.4	18.5								

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
PRICE RIVER											
Gooseberry Reservoir											
Corral	4/5	60	17.8	13.0	6.7b	4/2	5.15	- -	24.59	- -	- -
Dry Valley Divide Alternate	4/5	40	15.4	- -	- -						
Grassy Trail Creek-Left Fork	4/5	68	19.5	17.1	7.5b						
Mud Creek	4/3	61	17.1	16.3	12.3	4/3	4.25	2.56	18.45a	14.25	129
Timberline	4/5	82	26.2	20.6	13.0b						
White River #1	4/5	59	18.8	17.7	12.8	4/5	2.80	2.14	19.08	13.22	144
White River #3	4/3	27	9.1	12.8	6.1						
SAN RAFAEL RIVER											
Buck Flat	4/5	70	23.0	24.4	15.4	4/5	4.40	2.71	22.75	17.21	132
Huntington-Horseshoe	4/2	86	28.8	35.8	22.7						
Orange Olsen		Not Measured				3/28	2.50	1.01b	12.25	7.40	166
Red Pine Ridge	4/5	63	20.3	22.0	16.5	4/5	5.10	3.54	22.70	19.79	115
Seeley Creek R.S.	4/4	67	19.1	24.9	16.0	4/4	6.58	- -	- -	- -	- -
Stuart R.S.	4/4	36	11.3	11.8	6.5	4/4	2.65	- -	14.68	11.62	126
Upper Joe's Valley	4/5	41	13.2	15.2	9.5						
Wrigley Creek	4/5	62	17.9	17.2	10.1						
MUDDY RIVER											
Black's Fork	3/29	51	15.6	21.7	12.6						
Dill's Camp	4/5	52	14.6	20.3	11.4	4/5	4.30	- -	19.81	14.40b	138
FREMONT RIVER											
Black's Flat-U.M. Creek	3/26	43	13.0	15.9	10.4	3/26	0.90	2.46b	15.08	12.10b	125
Donkey Reservoir		Not Measured									
Fish Lake	3/26	46	15.2	12.8	7.0	3/26	0.80	1.68	11.80	9.18	128
Johnson Valley	3/26	37	11.4	11.8	6.1						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/30	81	27.6	14.8	11.7	3/30	6.40	2.96	31.09	18.14	171
Camp Jackson	3/30	81	28.0	18.5	10.8	3/30	7.05	2.51	33.38	16.78	199
LaSal Mountain (lower)	3/31	57	14.6	16.2	8.6						
LaSal Mountain (upper)	3/31	86	25.8	24.2	15.3	3/31	4.80	3.14	21.74	14.18	153
Monticello City Park	3/30	0	0.0	0.0	- -						
VIRGIN RIVER											
Kolob-Crystal	4/5	120	45.0	36.1	21.8a						
Long Valley Junction	4/3	37	13.6	5.0	2.7						
Webster Flat	4/3	102	36.6	32.6	15.7	4/3	8.90	4.00	39.98	19.15	209
a - Partly Estimated b - Average of past record in average period - less than 15 years + - 1963-77 15 year average period (A) - Aerial Marker Reading e - Estimated											

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV.	NO	STATE	NAME	SEC	TWP	RGE	ELEV.
UPPER BEAR RIVER (above Horer, Idaho)													
10G11	W	Big Park	7	27N	117W	8,700	11J25P	U	Sootstone R. S.	9	3S	8E	7,800
10I6P	W	Big Miller Ranch	19	3N	10E	7,900	11J18	U	South Fork R. S.	24	4S	2E	6,100
10G7	W	CCC Camp	9	29N	118W	7,500	11J18	U	Timpanogas Divide	33	4S	2E	5,300
10J35p	U	Gold Hill x	25	1N	9E	10,000	11J21PST	U	Timpanogas Divide	33	4S	2E	8,100
10J35p	U	Hayden Fork	15	1N	9E	9,400	10J8PST	U	Trial Lake	3	2S	9E	9,900
10G12	W	Kelly Ranger Station	13	26N	118W	8,200							
10J35p	U	Lily Lake	34	2N	10E	9,050							
11H12PST	U	Mante Cristo R. S.	4	8N	116W	8,950							
10G6	W	Polson Meadows x	29	30N	116W	8,500							
10G8P	W	Salt River Summit x	32	29N	118W	7,900							
10G13MP	W	Snyder Basin x	15	29N	115W	8,400							
10J17P	U	Stillwater Camp	32	2N	10E	8,550							

LOWER BEAR RIVER (below Horer, Idaho)

11H37pST	U	Bug Lake	18	11N	5E	7,950	12J2	U	Bevan's Cabin	24	4S	4W	6,450
11G11	U	Christensen Ranch	27	13S	41E	5,600	12J16P	U	Deseret Park	15	4S	3E	7,250
11H38p	U	Cinnamon Creek	5	14N	3E	7,300	11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500
12H1P	U	Clarkston Mountain	26	14N	2W	6,300	11J41P	U	Middle Canyon	8	4S	3W	7,000
11G14a	U	Dub River Ranger Station	30	13S	42E	5,400	11J41P	U	Mill Creek	25	1S	2E	6,950
12G4	U	Dry Creek Flat	31	13S	37E	7,900	11J10	U	Mill D South Fork	18	2S	3E	7,400
11G7	U	Emigration Summit	24	12S	42E	7,350	11J16P	U	Ricky Basin-Settlement Canyon	30	4S	3W	8,900
11G7MP	U	Franklin Basin	21	14N	4E	8,000	11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11H40p	U	Garden City Summit	1	16S	41E	7,600	11J42	U	Snow Bird (Gad Valley)	18	3S	3E	9,700
11H40p	U	Herd Hollow	3	11N	3E	7,200	12K1PST	U	Vernon Creek	21	10S	5W	7,500
11G13a	U	Hartshoe Basin	31	13S	42E	8,000							
11H13P	U	Klandike Narrows	10	14N	3E	7,400							
11G13	U	Liberty Springs	7	13S	42E	8,200							
11H26	U	Little Bear (lower)	16	8N	1E	6,000							
12H23PST	U	Little Bear (upper)	22	13S	1E	6,500							
11G13	U	Oxford Mountain	15	10S	4E	6,800							
11H27	U	Sage Creek	15	10S	4E	6,225							
11H27	U	Shawnee #1	7	14N	3E	7,700							
11H28	U	Sheep Hollow #2	9	13S	41E	8,800							
11G9	U	Strawberry Creek	9	13S	41E	8,800							
11G10	U	Strawberry Mink Divide	14	13S	41E	8,400							
11H36PST	U	Tony Grove Lake	5	13N	3E	6,250							
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250							
11G4P	U	Willow Flat	2	15S	41E	6,100							

RAFT RIVER

13H2a	U	Clear Creek Meadows	26	14N	14W	9,050	11K31PST	U	Buck Flat	23	19S	4E	9,400
13H1	U	George Peak	17	14N	14W	7,350	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
13H3a	U	Victim	17	14N	14W	7,600	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700

OGDEN RIVER

11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150	11K28PST	U	Goodberry Reservoir	23	19S	4E	9,400
11H8PST	U	Ben Lomand Peak	1	7N	1W	5,600	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H35p	U	Chalk Creek (lower)	34	7N	3E	5,500	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H29	U	Culver Creek	3	7N	1W	6,780	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H13MPST	U	Dry Broad Peak	19	8N	4E	8,350	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H34p	U	Guidler's Peak	21	6N	4E	8,050	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H46p	U	Powder Mountain Highway	6	7N	2E	8,250	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H48	U	Powder Mountain Sundown	21	7N	1E	8,400	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700
11H15P	U	Sagebrush Flat	1	7N	3E	6,300	11K31P	U	Goodberry Reservoir	12	19S	5E	9,700

WEBER RIVER

11J24	U	Beaver Creek R. S.	28	2S	7E	7,500	11L14	U	Black's Fork	34	20S	4E	9,200
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100	11K15PST	U	Dill's Camp	27	20S	4E	9,200
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200							
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500							
11J45a	U	East Shingle Lake	6	2S	8E	9,750							
11J17PST	U	Fanning Canyon (lower)	13	3N	1E	6,950							
11H46p	U	Fanning Canyon (upper)	23	3N	1E	7,000							
11J37P	U	Hartshoe Basin	22	5N	4E	7,000							
11H21PST	U	Horse Ridge	25	7N	4E	8,260							
11H31	U	Kill Tail Creek	20	6N	5E	7,300							
11H32P	U	Last Creek	27	6N	5E	7,300							
11J43	U	Park City Summit	30	2S	4E	9,300							
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500							
11H50	U	Pine Canyon	6	5N	4E	8,000							
11J38p	U	Parcupine	22	3N	7E	8,100							
11J6	U	Redden Mine (lower)	1	2S	6E	8,500							
11J5p	U	Redden Mine (upper)	1	2S	6E	9,000							
11J39p	U	Shingle Lake	9	1N	9E	8,300							
11J40p	U	Shingle Lake	22	1S	9E	8,040							
11J4PST	U	Smith & Marchese	22	1S	7E	7,600							

PROVO RIVER & UTAH LAKE

11J46PST	U	Beaver Creek Divide	25	2S	7E	8,280	9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500
11J20	U	Camp Altaoant	29	4S	2E	7,500	10J21P	U	Black's Fork G. S. -East Fork	25	2N	12E	9,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200	10J22P	U	Black's Fork Junction	33	3N	12E	8,925
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000	9J14P	U	Buck Pasture	2	1N	11E	7,700
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600	9J13P	U	Cam Creek	4	1N	20E	8,500
11J17P	U	Duchman R. S.	27	3S	3E	7,560	10J24aP	U	Chalk Creek	29	2N	14E	10,000
11J22P	U	Hubble Creek Summit	27	7S	5E	7,420	10J4P	U	Hewkins G. S.	33	3N	13E	9,500
11J36P	U	Lake Creek	36	4S	6E	9,000	9J8P	U	Hickman Park	13	2N	17E	9,100
11J31	U	Packard Canyon	21	7S	5E	6,400	9J15p	U	Highline Trail	24	1N	19E	10,250
11K1P	U	Payson R. S.	30	10S	3E	8,050	10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
11K2	U	Rack Bridge	105	2E	7E	6,750	10J3	U	Hole-in-the-Rock G. S.	32	3N	16E	8,300
			14				9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,640

LEGEND

- Numbering System (example)
- 10J7P Snow Course Only
- 10J7M Snow Course and Precipitation Gage
- 10J7MA Snow Course and Soil Moisture Station
- 10J7MP Snow Course, Soil Moisture Station and Annual Maxer
- 10J7PFA Aerial Marker Only
- 10J7PS Snow Course, Precipitation Gage Only
- 10J7PST Snow Course, Precipitation Gage, Snow Pillow and Temperature, Snot Data Site

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (above Duchesne River)

9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500	11M1	U	Widsoe-Escalante Summit	22	34S	1W	9,500
10J21P	U	Black's Fork G. S. -East Fork	25	2N	12E	9,300	11M2PST	U	Widsoe-Escalante #2	22	34S	1W	9,500
10J22P	U	Black's Fork Junction	33	3N	12E	8,925	11M3PST	U	Widsoe-Escalante #3	22	34S	1W	9,500
9J14P	U	Buck Pasture	2	1N	11E	7,700							
9J13P	U	Cam Creek	4	1N	20E	8,500							
10J24aP	U	Chalk Creek	29	2N	14E	10,000							
10J4P	U	Hewkins G. S.	33	3N	13E	9,500							
9J8P	U	Hickman Park	13	2N	17E	9,100							
9J15p	U	Highline Trail	24	1N	19E	10,250							
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150							
10J3	U	Hole-in-the-Rock G. S.	32	3N	16E	8,300							
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,640							

(continued)

9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730							
10J37P	U	McCoy Park	6	1N	17E	10,680							
10J2	U	Middle Beaver Creek	31	3N	18E	8,650							
9J7aP	U	Reynolds Park	9	1S	18E	10,400							
9J7bP	U	Spirit Lake	10	1N	17E	10,300							
10J20PST	U	Steel Creek Park	17	2N	13E	10,100							
10J16PST	U	Trail Creek	9	1S	20E	9,400							
9J12aP	U	Windy Park	2	1S	20E	9,400							

PRICE RIVER

10K5M	U	Camel	32	13S	14E	8,200							
11K8	U	Dry Valley Divide	14	11S	7E	7,900							
10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970							
11K7	U	Jones Ranch	32	12S	7E	7,600							
11K33MP	U	Mud Creek	4	14S	7E	8,600							
10K6	U	Timberline	23	13S	13E	9,100							
10K2MPST	U	White River #1	11	10S	8E	8,550							
11K24	U	White River #2	9	10S	8E	7,400							
11K25	U	White River #3	30	10S	8E	7,400							

SAN RAFAEL RIVER

11K31PST	U	Buck Flat	23	19S
----------	---	-----------	----	-----

IMPORTANT NOTICE

WATER SUPPLY OUTLOOK FOR UTAH

If you wish to continue to receive this publication, detach this page, sign your name in the space below, fold on the heavy line, staple or tape the folded page and mail. If more than one copy of the publication is desired, place the number in the box by your signature.

Signed: _____

Suggestions, comments or remarks: _____

Print or type your name and address on back of this sheet, if it is not there already



(FOLD HERE)

RETURN IF NOT DELIVERED
UNITED STATES
DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
4420 FEDERAL BUILDING
125 SOUTH STATE STREET
SALT LAKE CITY, UTAH 84138

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF
AGRICULTURE
AGR-101



FIRST CLASS MAIL

SNOW SURVEY SUPERVISOR
SOIL CONSERVATION SERVICE
4420 FEDERAL BUILDING
125 SOUTH STATE STREET
SALT LAKE CITY, UTAH 84138

(STAPLE OR TAPE HERE)

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
FEDERAL BLDG. -- ROOM 4420
125 SOUTH ST.
SALT LAKE CITY, UTAH 84138

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

U.S. DEPT. OF AGRICULTURE
NATL. AGRIC. LIBRARY
RECEIVED

APR 20 '79

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*

POSTAGE AND FEES PAID
U S DEPARTMENT OF
AGRICULTURE
AGR-101



FIRST CLASS MAIL

USDA
NAT'L AGRICULTURAL LIBRARY
CURRENT SERIAL RECORD
WASHINGTON, D.C. 20250